

**Use Information:** This paragraph is informational only and is not exclusively definitive of the end use. For higher quality multicolor face and back offset printing of brochures, pamphlets, brochures, etc. Printed matter may include text, line illustrations, and halftones up to 150-line screen and solid reverses on the smooth-finish stock. Allows for unique finishes for special print requirements.

**Stock:** Ground wood pulp, not to exceed 1%.  
*Note: Not less than 30% postconsumer fiber. Any percent over 30 percentage points, is encouraged, provided that the requirements of this Standard are met.*

**Basis weight:** 25 by 38 inches, 500 sheets (pounds) ..... 70 80 100  
 A tolerance of  $\pm 5\%$  shall be allowed.

**Tearing strength:** Average each direction not less than (grams)..... 25 28 35

**Opacity:** For white paper only, average not less than (percent) ..... 94 95 97  
 No individual; specimen shall average less than (percent) ..... 92 93 95

**Thickness:** For smooth-finish stock only, average (mils) ..... 5.5 6.3 7.9  
 A tolerance of  $\pm 0.0003$  inch shall be allowed for the 70- and 80-pound stock ;  $\pm 0.0005$  inch for the 100-pound stock. Paper shall be uniform and shall not vary more the 0.0004 inch from one edge to the other.

**General appearance:** Paper shall conform to the standard sample(s) established by the Government.

**Brightness:** The white paper shall have a target brightness of 88% or as specified.

**Color:** The paper in the order (or publication) shall be uniform and the color variation shall not exceed DE(CIELAB) = 1.0.

For colored stocked, paper shall match one of the established color standards in Part 3 or match a color sample supplied by the ordering agency. Colors shall not fade or transfer (rub off) and shall appear even and uniform on the surface of the sheet. The sheet shall not be 2-sided.

**Finish:** Paper shall have a smooth-finish or as specified (linen, leatherette, felt, etc.).

**Formation:** Shall be uniform.

**Cleanliness:** The dirt count for each side of the paper shall not exceed 250 specks per square meter. No sample sheet (600 to 650 cm<sup>2</sup> in size) shall contain more than one defect with equivalent area of 0.25 mm<sup>2</sup> or greater

OPTION

**Alkaline paper.** This option is for products requiring above average permanence. Replace above with the following properties.

**Stock:** 100% bleached chemical wood pulp.  
*Note: Not less than 30% postconsumer fiber. Any percent over 30 percentage points, is encouraged, provided that the requirements of this Standard are met.*

**Acidity:** pH value by cold extraction shall be not less than 7.0. The paper shall contain not less than 2% calcium carbonate.

*Note: Any deviation in this requirement is sufficient cause for rejection of the paper.*

**Testing:** Shall be conducted in accordance with methods in part 2, *Government Paper Specification Standards*. The acceptance criteria Part 4 shall apply.